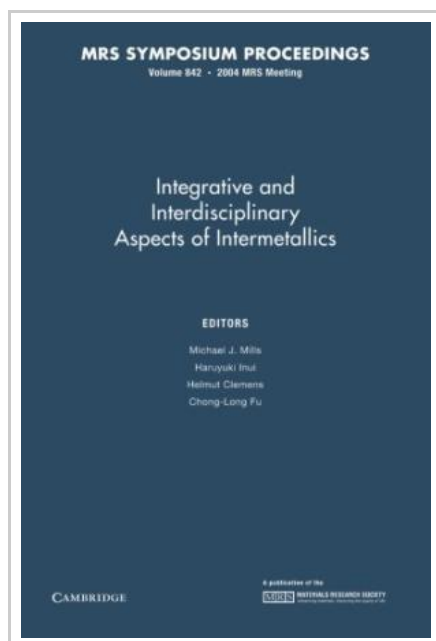




Intergrative and Inerdisciplinary Aspects of Intermetallics: Volume 842 (Paperback)

By -

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2014.
Paperback. Book Condition: New. 229 x 152 mm. Language: English Brand New Book ***** Print on Demand *****.The overarching theme of this book is the critical importance of microstructure and defects on the physical and mechanical properties of ordered intermetallics. These compounds have great promise for a variety of diverse and important applications such as high-temperature structural materials, smart shape memory alloys, hydrogen storage media, thermoelectric power sources, and magnetic applications. The integrative aspects of this topic are highlighted to encourage a common platform for the presentation of intermetallics research that may have very different technological backgrounds and objectives, yet in all cases require a sound understanding of the elementary processes that govern structural and functional properties - from the atomistic through microstructural scales. The book brings together researchers from around the world and underscores the tremendous progress in the field. Topics include iron aluminides, nickel aluminides, titanium aluminides, silicides, functional intermetallics (for shape memory, thermoelectric, magnetic and hydrogen storage applications) and more generic modeling of intermetallic compounds.



READ ONLINE
[8.76 MB]

Reviews

Complete guide for publication enthusiasts. I have read and i am sure that i will going to study again once again in the future. Your way of life period will be transform once you total looking over this publication.

-- **Shayne O'Conner**

This composed publication is great. It is one of the most remarkable publication i have got read through. I am just quickly could get a delight of looking at a composed book.

-- **Caden Buckridge**